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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 6,767,655 B2 Docket: 10873.792US01  
Issue Date: JULY 27, 2004 Patentee: HIRAMOTO ET AL.  
Title: MAGNETO-RESISTIVE ELEMENT

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 on March 3, 2005.

By: *[Signature]*

Name: *[Signature]*

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Certificate

MAR 14 2005

of Correction

Sir:

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. One copy of the text of the Certificate in the suggested form is enclosed.

As some of the errors listed are due to Applicant's mistake, our check in the amount of \$100.00 is enclosed to cover the Certificate fee.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims, and re-examination is not required.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

*[Signature]*  
Douglas P. Mueller  
Reg. No. 30,300  
DPM:PLSkaw

Date: March 3, 2005

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MAR 15 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: HIRAMOTO ET AL.  
Patent No.: 6,767,655 B2  
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By:

Name:

*Kristine A. Wallace*  
*Kristine A. Wallace*

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Request for Certificate of Correction
- ☒ Certificate of Correction
- ☒ Check in the amount of \$100.00 for Certificate of Correction for Applicant's Errors
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.  
P.O. Box 2903 Minneapolis, MN 55402-0903  
612.332.5300

By:

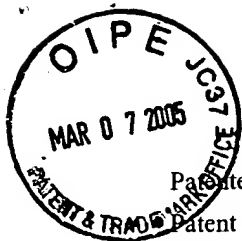
*[Signature]*  
Name: Douglas P. Mueller  
Reg. No.: 30,300  
DMueller:PLSkaw

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(PTO TRANSMITTAL - POST ISSUANCE)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: HIRAMOTO ET AL. Docket: 10873.792US01  
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By: 

Name: Kristine A. Wach

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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612.332.5300

By: 

Name: Douglas P. Mueller  
Reg. No.: 30,300  
DMueller:PLSkaw

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MAR 15 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

**PATENT NO. :** 6,767,655 B2

**PAGE** 1 **of** 2

**DATED :** JULY 27, 2004

**INVENTOR(S) :** HIRAMOTO ET AL.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 54, line 21, claim 16: "larger than  $0.01 \mu\text{m}^2$ ." should read --larger than  $0.01 \mu\text{m}^2$ .--

Col. 55, lines 21-22, claim 25: "is Mn with being equal to 1, 2, or 3," should read --is Mn, with n being equal to 1, 2, or 3, then--

Col. 55, line 61, claim 28: "claim 27" should read --claim 27,--

Col. 55, line 63, claim 28: "magnetic layers when n" should read --magnetic layers, with n--

Col. 56, line 14, claim 30: "magnetic layers with n" should read --magnetic layers, with n--

Col. 57, line 14, claim 37: "layer, where m is" should read --layer, wherein m is--

Col. 57, lines 24-25, claim 38: "layers (with n being an integer of 1 or greater) are" should read --layers, with n being an integer of 1 or greater, are

Col. 57, line 32, claim 38: "claim 19;" should read --claim 36;--

Col. 57, line 40, claim 39: "VIII but excluding" should read --VIII, but excluding--

Col. 57, line 49, claim 41: "by  $\text{Mn}_{100-x}\text{Me}_x$  wherein Me" should read --by  $\text{Mn}_{100-x}\text{Me}_x$ , wherein Me--

Col. 57, line 50, claim 41: "consisting of Pd, and Pt, and" should read --consisting of Pd and Pt,--

Col. 58, line 59, claim 57: "larger than  $0.01 \mu\text{m}^2$ ." should read --larger than  $0.01 \mu\text{m}^2$ .--

**MAILING ADDRESS OF SENDER:**

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Attn: Douglas P. Mueller  
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**PAGE** 2 **of** 2

**DATED :** JULY 27, 2004

**INVENTOR(S) :** HIRAMOTO ET AL.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 60, line 1, claim 61: "consisting of Mn, Te, Ru," should read --consisting of Mn, Tc,  
Ru--

Col. 60, line 5, claim 62: "where Me is" should read --wherein Me is--

Col. 60, line 6, claim 62: "consisting of Re, Ru, and Rh, and" should read --consisting of  
Re, Ru and Rh, and--

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